

CHAPTER IV

FINDINGS AND DISCUSSIONS

A. Findings

1. Steps to Utilize QuillBot in Thesis Writing

a. Opening and Accessing QuillBot

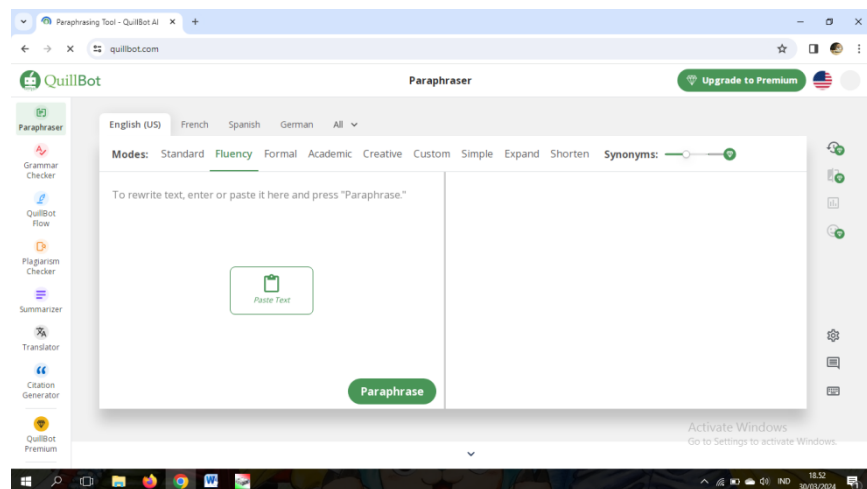


Figure 1 Opening and accessing QuillBot

Respondents consistently reported starting the process of using QuillBot by opening a web browser and typing the QuillBot website address into the search bar. As one respondent said, *"It's very easy, I just have to go to QuillBot.com and that's it."* This action shows that access to this tool is relatively easy and fast, thus giving users a positive initial impression.

b. Selecting Desired Features

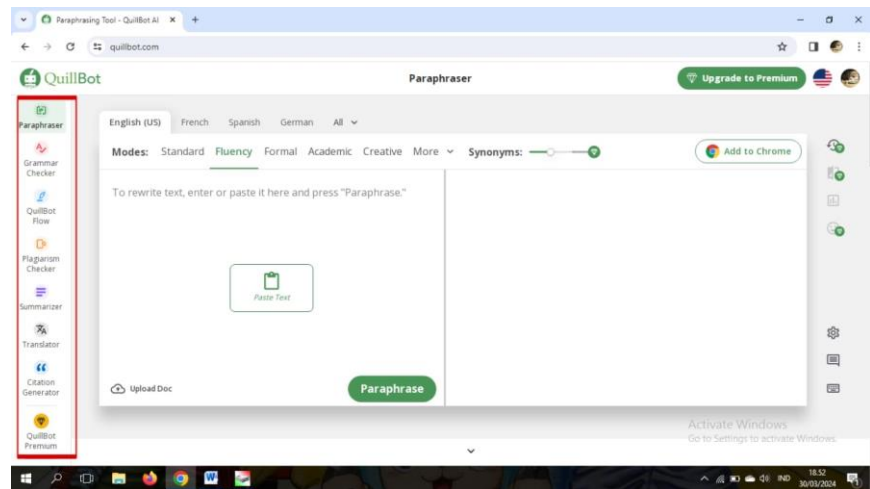


Figure 2 QuillBot's features

Within the QuillBot application, various features are available such as Paraphraser, Grammar Checker, Plagiarism Checker, Co-Writer, Summarizer, and Citation Generator (Fitria, 2022). It was found that respondents have the freedom to select features that suit their needs. Some respondents chose Paraphraser and Grammar Checker features to assist in editing their text. They appreciated the versatility of these tools, with one respondent commenting, *“I found the Paraphraser and Grammar Checker features particularly useful in refining my writing. They helped me identify and rectify errors effectively.”* This sentiment emphasizes the value respondents place on the customizable nature of QuillBot's features in addressing their specific editing requirements.

c. Copying and Pasting Text

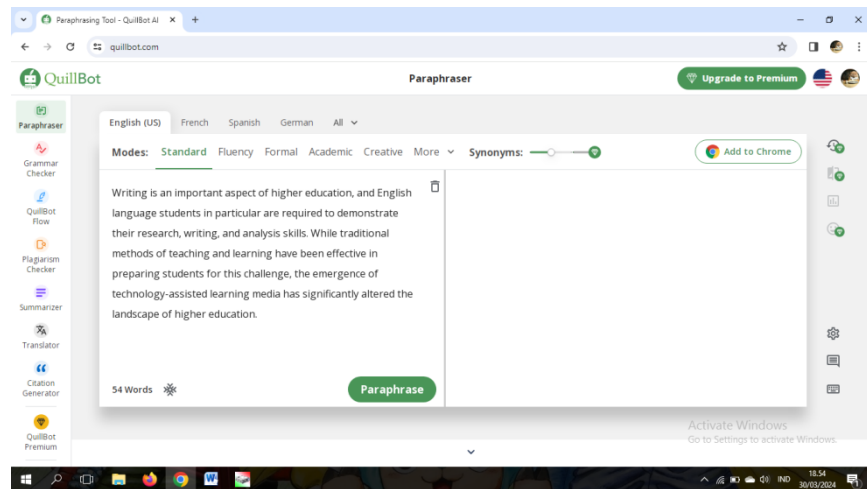


Figure 3 Copying and pasting text

After selecting the desired feature, respondents proceeded by copying the text they wished to edit and pasting it into the QuillBot text editor. This process is a crucial step in preparing the text for editing and updating using this tool. Respondents expressed their satisfaction with this initial step, highlighting its simplicity and effectiveness. One respondent mentioned, *“Copying and pasting the text into QuillBot's editor was quick and straightforward. It allowed me to seamlessly transition into the editing process without any complications.”* This feedback underscores the user-friendly interface of QuillBot and its role in streamlining the editing workflow.

d. Reviewing and Selecting Changes

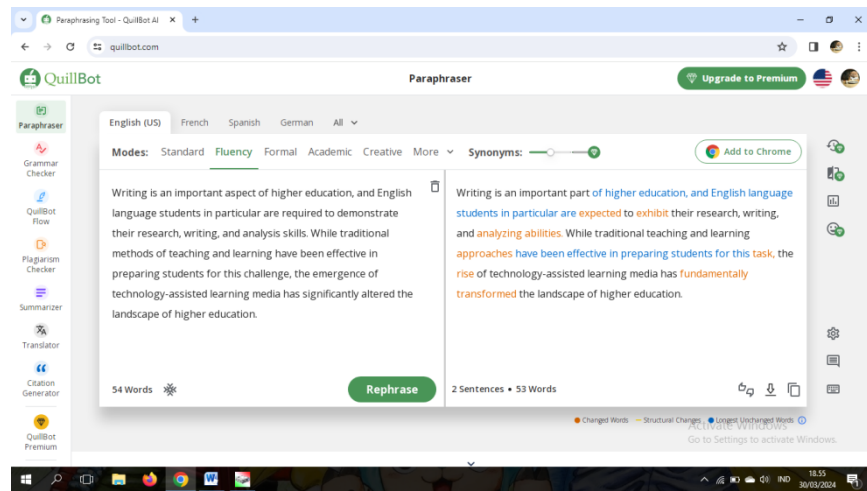


Figure 4 QuillBot's changes

Once the text was inserted, respondents reported carefully reviewing the suggested changes by QuillBot. There are nine changes that can be performed by QuillBot. We can choose Standard, Fluency, Formal, Academic, Simple, Creative, Expand, Shorten and Custom modes (Fitriiaa, 2022). They then selected changes that were deemed most suitable for their needs or that most enhanced the quality of their text. As one respondent emphasized, *“Yes, when the result has been applied, then I have to review the result”*.

e. Applying Changes

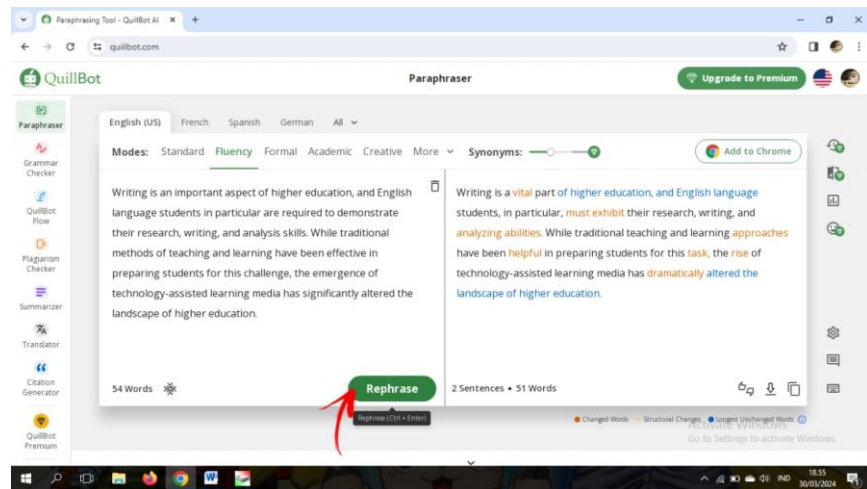


Figure 5 QuillBot's apply change button

By clicking the "Apply Change" button, changes selected by respondents were implemented into the text. The majority of respondents reported that this process proceeded smoothly and efficiently, with minimal or no significant hurdles encountered. One respondent remarked, *"I found the process of applying changes through QuillBot to be straightforward and hassle-free. There were no major issues, and the modifications were incorporated seamlessly."* This feedback highlights the user-friendly nature of QuillBot's interface and its effectiveness in facilitating the editing process.

f. Repetition in the Editing Process

It is important to note that the editing process using QuillBot often involves repetition, where respondents repeat these steps for various sections of their thesis until they are satisfied with

the outcome. This indicates that QuillBot users actively engage in the editing process to ensure the final quality of their writing. Respondents provided insightful perspectives regarding their experience with QuillBot. One respondent emphasized the iterative nature of the editing process, stating, *“I find myself going back to QuillBot repeatedly for different sections of my thesis until I achieve the desired quality.”* This testimony underscores the dedication users have towards refining their work. Additionally, respondents consistently reported the convenience of initiating the process by accessing QuillBot through a web browser, echoing sentiments of ease and efficiency. Thus, these findings illustrate users' experiences in using QuillBot as an effective assisting tool in their thesis writing process. The outlined steps demonstrate the level of engagement and trust respondents have in this tool in producing quality academic texts.

2. The Benefits and Challenges of using QuillBot in Thesis Writing

a. The Benefits of using QuillBot in Thesis Writing

1.) Accessibility and Ease of Use

All respondents overwhelmingly agree that accessing QuillBot is hassle-free. They find the platform easily accessible and user-friendly, which significantly contributes to their positive experience with the tool. One student emphasized, *“Yes, QuillBot is easy to access.”* The

straightforward interface and intuitive navigation make it convenient for them to integrate QuillBot into their thesis writing workflow without encountering any difficulty. This collective sentiment underscores the importance of accessibility in their choice of writing tools. The seamless access to QuillBot allows researchers to efficiently utilize its features, thereby enhancing their productivity and streamlining their thesis writing process. Overall, their overwhelming consensus on QuillBot's ease of access reflects its effectiveness as a valuable resource for their academic endeavors.

Furthermore, it is noteworthy that QuillBot can also be used for free by a significant portion of respondents, indicating that the platform offers accessibility to users who may not wish to purchase a subscription. All respondents stated that they do not upgrade because the free version provides them with the necessary features. As said by one respondent, *"I use QuillBot for free. I find it to be a valuable resource that provides a wild range of writing tools and features."* This collective decision underscores their satisfaction with the functionalities offered in the free version of QuillBot.

2.) QuillBot's Feature Utilization

Some respondents use QuillBot's grammar checker feature to identify potential errors or inconsistencies in their

thesis writing. This finding indicates that most users utilize QuillBot's grammar checker feature to help improve the quality of their thesis writing. This feature assists users in identifying grammar errors and consistency in their writing, thus enhancing the final quality of their thesis. As mentioned by a respondent, "*Yes, I use QuillBot grammar checker to identify potential errors in my thesis.*" This widespread usage suggests that the grammar checker tool plays a significant role in their writing process, aiding them in ensuring the correctness and coherence of their work.

Most respondents also use QuillBot's paraphrase feature to help them generate alternative phrases or language more suited to the context of their research or thesis writing. As expressed by a respondent, "*Yes, I use QuillBot's paraphrase features for saving time.*" This finding indicates that many users leverage QuillBot's paraphrase feature to introduce variation in their writing. This feature assists users in tailoring their writing to specific writing contexts. This widespread usage indicates that respondents find QuillBot's paraphrasing tool valuable in assisting them with their writing tasks. By utilizing this feature, respondents are able to explore various linguistic options and refine their language to better fit the specific requirements of their research or thesis.

Some respondents believe that QuillBot can automatically generate reference lists for academic writing or their thesis, expressing confidence in its capabilities to assist with citation tasks. Based on the result of the questionnaire, there are also respondents who are unsure about this feature, indicating a lack of familiarity or experience with QuillBot's referencing functionalities. According to one participant's opinion, "*I'm not sure with the validity.*" Additionally, a few respondents find the idea of QuillBot automatically generating reference lists to be unfamiliar or foreign to them. This diversity of responses highlights varying levels of awareness and understanding regarding QuillBot's potential functionalities for citation management in academic writing.

3.) Time and Effort Saving

All of the respondents agree that using QuillBot can save them time and effort in writing their thesis. They express that QuillBot's ability to provide alternative phrases and generate new ideas quickly helps them complete tasks more efficiently. The vast majority of respondents regard QuillBot as a highly helpful tool in saving time and effort in the thesis writing process. As one respondent said, "*QuillBot can save me a significant amount of time and effort in my thesis*". This

indicates that the efficiency offered by QuillBot is widely appreciated by users in completing their academic tasks.

4.) Writing Quality Improvement

Most of respondents state that using QuillBot can help them write a more coherent and consistent thesis. They acknowledge that QuillBot's paraphrasing feature helps them organize their writing better. This finding indicates that QuillBot users value its contribution to improving coherence and consistency in thesis writing. QuillBot's paraphrasing feature assists users in organizing their writing better, making it more understandable for readers. This collective sentiment suggests that respondents perceive QuillBot as a valuable tool for enhancing the quality of their thesis writing. They believe that by utilizing QuillBot, they can achieve greater coherence and consistency in their work, thereby improving its overall readability and academic integrity. As mentioned by a respondent, *“QuillBot suggestions make my thesis more coherence and consistent”*. This widespread agreement underscores the perceived effectiveness of QuillBot in supporting their writing process and contributing to the clarity and coherence of their thesis document.

The majority of respondents consider QuillBot an efficient tool in the thesis writing process. By providing

paraphrasing and grammar checking features, QuillBot helps users complete their tasks faster and more efficiently. As mentioned by a respondent, *“I used QuillBot to proofread and edit my thesis. The tool help me quickly identify and fix errors”*. This collective sentiment suggests that respondents perceive QuillBot as a valuable tool for streamlining their writing process. They believe that by leveraging QuillBot's features, such as paraphrasing and grammar checking, they can save time and effort in composing their thesis documents. This widespread agreement underscores the perceived effectiveness of QuillBot in enhancing their productivity and efficiency in thesis writing tasks.

5.) Error Identification

Most of respondents agree that using QuillBot can identify potential errors or inconsistencies in their thesis writing that they may not notice themselves. The majority of respondents acknowledge QuillBot's ability to detect errors or inconsistencies in their thesis writing that they may overlook. This highlights the added value of using QuillBot in improving writing quality. As expressed by a respondent, *“Sometimes there is common mistakes and QuillBot help me to fix it”*. This widespread perception suggests that respondents value QuillBot's ability to provide additional oversight and scrutiny

to their writing. By leveraging QuillBot's features, such as grammar checking and proofreading, respondents feel more confident in the accuracy and professionalism of their thesis documents. This collective agreement underscores the perceived effectiveness of QuillBot in supporting their writing process and improving the overall quality of their academic work.

b. The Challenges of Using QuillBot in Thesis Writing

1.) The Security of the Result Provided by QuillBot

The views of users on QuillBot's result security reveal worries about data safety and content reliability. Some users are concerned that using QuillBot could breach academic honesty, while others fear that the paraphrased content might not be accurate or secure. These different opinions show the complex mix of technology and ethics in academic writing.

To address these worries, QuillBot could implement measures like better data protection and clear information on how user data is handled. Also, providing users with guidance on data privacy could help them feel more confident using QuillBot. By addressing these concerns and ensuring data security, QuillBot can build trust among users and create a safer environment for academic writing.

The results revealed a balanced distribution of opinions among respondents, with 50% indicating that using a paraphrasing tool is indeed a form of plagiarism, while the remaining 50% disagreed with this notion. This outcome highlights a divergence in perspectives within the surveyed population. As one respondent succinctly put it, "*If they are copying and pasting without any attribution, that is plagiarism*". Those who consider paraphrasing tool usage as plagiarism may emphasize the importance of maintaining originality and integrity in academic work. Some respondents who are worried about the accuracy of results provided by QuillBot might be cautious about relying solely on its output. They may feel that while QuillBot can help rephrase text, they're unsure if the results are always reliable or if they might inadvertently distort the original meaning. In their view, there's a concern that QuillBot's output might not always accurately capture the nuances of the original text or convey the intended message. This apprehension reflects a desire for trustworthy and precise results, especially in tasks that require conveying information accurately. Therefore, their concern underscores the importance of critically evaluating the output of automated paraphrasing tools like QuillBot. However, some students expressed confidence in the tool, with one stating, "*I trust that*

it won't yield any issues or plagiarism concern." This perspective highlights the varying attitudes among students regarding the reliability of QuillBot's results.

2.) The Accuracy and Authenticity of Thesis Writing

The perspectives of users regarding QuillBot's result security highlight concerns regarding both data safety and content reliability. While some users worry about potential breaches in academic honesty and the accuracy of paraphrased content, others express confidence in the tool's reliability. This divergence underscores the complex interplay between technology and ethics in academic writing.

The survey findings indicate that many respondents agree with the use of paraphrasing tools, with a significant portion considering it a form of plagiarism and the rest are disagree. This divergence reflects differing perspectives on the importance of originality and integrity in academic work. Some respondents express concerns about the accuracy of QuillBot's results, emphasizing the need for precise and reliable outputs. As one respondent emphasized, "*I always make sure to check my thesis writing for accuracy and authenticity*". They may acknowledge that while QuillBot can provide valuable suggestions for paraphrasing, there's still a level of uncertainty regarding the reliability of its output. In

their perspective, the human touch is essential to ensure that the final draft maintains the intended meaning, adheres to academic standards, and avoids any potential errors or misinterpretations.

3.) Impact of QuillBot Usage on the Development of Personal Writing Style and Voice

The utilization of QuillBot in writing can have a significant impact on the development of an individual's writing style and voice. Some respondents indicated that using QuillBot has made it challenging for them to cultivate their own writing style and voice, particularly in terms of maintaining a consistent tone or structure throughout their thesis. They encounter difficulties in preserving authenticity and uniqueness in their writing after employing QuillBot.

On the other hand, some respondents did not face similar challenges and feel able to maintain their writing style even while using QuillBot. As said by one respondent *“Since I use QuillBot to help my thesis writing, I think I can improve my writing style”* and *“paraphrasing tool is helpful, but it doesn’t replace the need for critical thinking”*. However, there are also concerns that the use of QuillBot's paraphrasing tool could lead to dependence on the tool, thus making it harder for them to paraphrase independently. As one respondent emphasized, *“I*

use QuillBot to paraphrase all of my thesis writing and never paraphrase on my own". Consequently, there are differing viewpoints among respondents regarding the impact of QuillBot usage on the development of their personal writing style and voice. As one respondent succinctly put it, *"I think so, if I use QuillBot too much it can make me lack of creativity in writing"*. Some respondents may express concern that depending on QuillBot for paraphrasing could hinder their capacity to develop their own paraphrasing skills. They might worry that frequent use of the tool could lead to reliance on its automated suggestions rather than honing their ability to rephrase text independently.

4.) **Evaluation of QuillBot's Limitations**

Most of the respondents expressed that the limitations of the free version of QuillBot do not hinder their ability to use the tool effectively in thesis writing. This finding suggests that some respondents perceive the restricted features of QuillBot's free version as obstacles to productivity and writing quality. Many respondents do not perceive upgrading to the premium version as necessary since they find the free version of QuillBot offers adequate features. They express satisfaction with the functionalities available in the free version, which they believe sufficiently support their thesis writing needs. As one

respondent emphasized, “*The basic features are more than enough for my needs*” Additionally, respondents indicate that they are comfortable utilizing other the researcher sites or resources alongside QuillBot to fulfill any additional requirements. In their view, the availability of alternative options ensures that they can address any potential limitations of the free version effectively. Therefore, they do not view the lack of premium features as a hindrance to their thesis writing process.

5.) Overreliance on QuillBot for Heavy Lifting in Thesis Writing

Most of respondents feel that they have become overly reliant on QuillBot for heavy lifting in their thesis writing. This finding indicates that a portion of respondents may have experienced excessive dependence on QuillBot in their writing process, potentially affecting their ability to develop writing skills independently. Many respondents acknowledge feeling overly reliant on QuillBot for significant tasks in their thesis writing. As one respondent succinctly put it, “*I recognize relying on QuillBot may limit my ability*”. They express concern that depending too much on QuillBot could potentially lead to a diminished level of personal involvement and critical thinking in the writing process. In their view, excessive

reliance on automated tools like QuillBot may result in a passive approach to thesis writing, where originality and depth of analysis are compromised. This apprehension reflects a desire for maintaining an active and engaged role in the writing process to ensure the quality and authenticity of their work. Therefore, their acknowledgment of this issue underscores the importance of using QuillBot as a supplementary tool rather than a primary resource in thesis writing endeavors.

B. Discussion

1. Steps to Utilize QuillBot in Thesis Writing

a. Opening and Accessing QuillBot

Respondents consistently expressed the ease of accessing QuillBot through a web browser, highlighting its simplicity and efficiency. This aligns with Fitria's assertion that QuillBot's accessibility is straightforward, allowing users to initiate the editing process swiftly. Several other respondents also emphasized the ease of use of QuillBot, mentioning how simple and straightforward the interface was, particularly the ability to initiate edits with only a few keystrokes. This sentiment is echoed by other respondents, suggesting that accessibility and efficiency are key factors in the popularity and use of QuillBot by users. In conclusion, this study confirms that QuillBot's accessibility is a significant factor behind its widespread use among students and writers. The platform's

simplicity, efficiency, and ease of access have contributed to its rising popularity among its users, particularly those who are short on time or need to work on several projects at once.

b. Selecting Desired Features

Respondents who participated in the study consistently praised the many features available on QuillBot, specifically the Paraphraser and Grammar Checker, both of which they found particularly helpful in refining their writing. They appreciated the customizable nature of QuillBot's tools, noting that the platform allowed them to select only those that catered to their specific editing needs. This aligns with Fitria's earlier observation that users have the freedom to choose the tools that best suit their writing style and goals, making QuillBot a convenient and flexible tool for writers and students.

One respondent highlighted how the Paraphraser helped them better present their ideas. Another respondent noted that the Grammar Checker was especially useful in identifying and correcting punctuation errors. Overall, the positive reception of QuillBot's customizable features among respondents further validates Fitria's assertion that users have the ability to tailor the platform to their individual editing needs. This convenience and flexibility have contributed to the popularity of QuillBot among its

users, who value the ability to efficiently refine their writing with the help of a wide range of tools.

c. Copying and Pasting Text

Respondents emphasized the ease of copying and pasting text into QuillBot's editor, citing it as a speedy and straightforward process that facilitated a seamless transition into the editing process. This feedback supports Fitria's theory that the initial steps involved in using QuillBot effectively are straightforward and simple. Overall, this feedback aligns with Fitria's view that users can easily copy and paste their text into QuillBot to initiate the editing process, making it a convenient and efficient tool for students and writers who want to refine their writing quickly.

d. Reviewing and Selecting Changes

Respondents emphasized the importance of carefully reviewing the changes suggested by QuillBot, and selecting only those that enhanced the quality of their text. This feedback aligns with Fitria's earlier observations that users are actively engaged in the editing process and have the freedom to select modifications that meet their specific needs. Several respondents noted the value of thoroughly reviewing the suggested changes and making sure they align with their intended message. This feedback reflects the reality that users play an active role in selecting modifications that align with their intended message and meet their specific editing

needs. By reviewing the suggested changes carefully, users are ensuring that their writing remains true to their original intent, while still benefiting from the AI-based editing features provided by QuillBot.

e. Applying Changes

Respondents found that the process of applying changes through QuillBot was hassle-free and efficient, supporting Fitria's claim that the platform's user-friendly interface makes it a convenient tool for editing. All respondents expressed how easy it was to apply the suggested changes. This feedback aligns with Fitria's observation that QuillBot's user-friendly interface facilitates the editing process, making it a convenient and efficient tool for users. By incorporating user-friendly features such as a straightforward interface and seamless application process, QuillBot ensures a hassle-free experience for its users.

f. Repetition in the Editing Process

Respondents acknowledged the iterative nature of the editing process with QuillBot and the need to repeat these steps for various sections of their thesis until achieving the desired quality. This dedication to refining their work aligns with Fitria's earlier description of users' repeated engagement with QuillBot to ensure the final quality of their writing. This feedback reiterates Fitria's observation that users have the opportunity to engage with QuillBot

iteratively to ensure the quality of their writing. By taking advantage of this iterative process, users can refine their text until they are satisfied with the final product.

In summary, the integration of respondents' perspectives alongside Fitria's theory provides a comprehensive understanding of the efficacy of QuillBot as an assisting tool in thesis writing. The findings underscore users' positive experiences with QuillBot's features and interface, highlighting its role in enhancing the quality and efficiency of academic writing process.

2. The Benefits and Challenges of Using QuillBot in Thesis Writing

a. The Benefits of Using QuillBot in Thesis Writing

1.) Accessibility and Ease of Use

The results from the survey responses show complete consensus among all participants regarding the ease of access to QuillBot. All respondents confirmed that they perceive QuillBot as easy to access, suggesting a positive user experience in terms of platform accessibility. Additionally, respondents highlighted the platform's feature of automatically suggesting paraphrasing and rephrasing suggestions, contributing to the efficiency of the writing process. Gupta's theory (2021) asserts that "*QuillBot is easy to access*," while Nurmayanti's theory (2023) highlights QuillBot's automatic

paraphrasing and rephrasing suggestions as key features contributing to the efficiency of the writing process.

The findings confirm these theories, indicating that respondents perceive QuillBot as both accessible and equipped with useful features that streamline their writing tasks. The alignment between the findings and existing theories suggests that QuillBot's success lies in its ability to meet users' needs for simplicity, accessibility, and efficiency. The ease of access and automatic suggestion features enhance user satisfaction and productivity, supporting the theoretical frameworks proposed by Gupta and Nurmayanti. Reflecting on these findings and existing theories, the researcher asserts that writing assistance tools like QuillBot play a crucial role in facilitating academic and professional writing tasks. The integration of user-friendly design elements and intelligent features is deemed essential to enhancing the usability and effectiveness of such tools.

2.) QuillBot's Feature Utilization

Some respondents used QuillBot's grammar checker feature to identify potential errors or inconsistencies in their thesis writing. Most users utilized this feature to help improve the quality of their thesis writing. This feature helps users in identifying grammatical and consistency errors in their writing, thus improving the final quality of their thesis.

Likewise, most respondents also used QuillBot's paraphrasing feature to help them generate alternative phrases or language that better suited the context of their research or thesis writing. The use of paraphrasing features not only helps in enriching the variety of language in writing, but also speeds up the drafting and editing process in an efficient manner.

The widespread use of QuillBot's grammar checker and paraphrasing features shows the important role this tool plays in the writing process. According to research by Dale (2020), QuillBot is a widely used artificial intelligence-based paraphrasing tool, which offers users the ability to get rewording or paraphrasing suggestions. This confirms that the use of QuillBot's paraphrasing feature in this study is in line with the popularity of this tool among users. Responses from respondents also indicate that users see QuillBot's paraphrasing feature as a helpful tool in increasing productivity and efficiency in their thesis writing.

Some respondents believed that QuillBot could automatically generate reference lists for their academic writing or thesis, while others were unsure or unfamiliar with this feature. The varied responses to QuillBot's Automatic Citation Generator feature highlight the differences in users' level of knowledge and experience with the tool. While some

respondents recognized the potential of the tool to generate reference lists automatically, there was also uncertainty associated with this feature, especially with regard to the accessibility of the premium feature. Responses from respondents stating that this feature may be available only by upgrading to the premium version underscores the accessibility constraints that users may face in utilizing the feature. This suggests the need for increased understanding and availability of information regarding QuillBot's premium features in the context of academic writing.

3.) Time and Effort Saving

The results of the questionnaires showed that the consistent use of QuillBot was perceived to save time and effort in thesis writing by all respondents. They described QuillBot's ability to provide alternative phrases and generate new ideas quickly as an efficient means of accomplishing their tasks. This shows that the efficiency offered by QuillBot is directly recognized by users. The theory proposed by Fitria (2021) supports this finding by showing that the use of QuillBot's paraphrasing tool can save time when writing. The tool relies on advanced artificial intelligence to reconstruct text quickly and efficiently.

The conclusion from the findings and theory is that QuillBot can effectively save time and effort in the thesis writing process, in accordance with the expectations expressed by the respondents. The direct opinions from respondents that reinforce this conclusion confirm that QuillBot is not only a theoretical concept, but also provides practical benefits in improving the efficiency of thesis writing. Thus, the integration between findings, theories, and respondents' opinions confirms the success of QuillBot as an effective tool in saving time and effort in writing a thesis.

4.) Writing Quality Improvement

Most respondents stated that using QuillBot can help them write a more coherent and consistent thesis. They acknowledged that QuillBot's paraphrasing feature helped them organize their writing better. These findings suggest that QuillBot users value its contribution in improving coherence and consistency in thesis writing. QuillBot's paraphrasing feature helps users organize their writing better, making it easier for readers to understand. This collective sentiment shows that respondents perceive QuillBot as a valuable tool to improve the quality of their thesis writing. They believe that by utilizing QuillBot, they can achieve greater coherence and consistency in their work, thus improving the clarity and

coherence of their thesis document as a whole. This broad agreement confirms the perceived effectiveness of QuillBot in supporting their writing process and contributing to the clarity and coherence of their thesis documents. The theory put forward by Yadav (2021) states that QuillBot's features make it a useful tool for students who may still be developing their English writing skills and may need help in reformulating their content. This shows that QuillBot can act as a useful learning tool for students who are improving their English writing skills. Direct opinions from respondents also show that they find QuillBot to be an efficient tool in the thesis writing process. This collective sentiment confirms the respondents' perception of QuillBot's effectiveness in improving their productivity and efficiency in thesis writing tasks.

Overall, these findings are in line with the theory that QuillBot can act as a beneficial tool for students in the development of their English writing skills. The direct opinions of the respondents corroborate our conclusion on the effectiveness of QuillBot in improving the quality of thesis writing and assisting in better reorganizing the content. Thus, the integration between findings, theories, and respondents' opinions confirms that QuillBot is a valuable tool in supporting

students in improving the quality and efficiency of their thesis writing.

5.) Error Identification

The findings show that most respondents recognized QuillBot's ability to identify errors or inconsistencies in their thesis writing that might otherwise be missed. This highlights the added value of using QuillBot in improving the quality of writing. Respondents indicated that QuillBot helped them correct common mistakes that they might have missed. This perception suggests that QuillBot is perceived to provide additional scrutiny of their writing and increased confidence in the accuracy of the thesis document. Amanda's (2023) theory suggests that QuillBot has the ability to assist in finding writing errors such as punctuation and grammar. This finding supports the theory by showing that QuillBot is not only capable of paraphrasing, but can also assist in identifying writing errors.

Direct opinions from respondents also support this finding. Several respondents stated that they felt QuillBot helped them in correcting mistakes that they might have missed in their thesis writing. In the context of academic writing, QuillBot serves not only as a paraphrasing tool, but also as a tool that helps identify and correct writing errors. Our

findings, along with relevant theories and direct opinions from respondents, confirm that QuillBot provides significant added value in the thesis writing process. As such, the use of QuillBot can improve the quality of academic writing by providing additional security and assisting in correcting errors that may have been missed.

b. The Challenges of Using QuillBot in Thesis Writing

1.) The Security of the Result Provided by QuillBot

Based on the findings provided, it is evident that users' perspectives on QuillBot's result security reflect concerns regarding both data safety and content reliability. There is a notable apprehension among users regarding the potential breach of academic honesty, as some fear that utilizing QuillBot could lead to plagiarism. Conversely, others express worries about the accuracy and security of the paraphrased content generated by QuillBot.

These varied viewpoints underscore the intricate interplay between technology and ethics in the context of academic writing. The theory proposed by Prentice and Kindem, as cited by Lestari, suggests that utilizing paraphrasing tools to modify text as a means of avoiding plagiarism is itself an indication of plagiarism. In this regard, the concerns raised by users align with this theory, as they

grapple with the ethical implications of using QuillBot. This succinct observation encapsulates a fundamental principle underlying academic integrity. It underscores the importance of proper attribution and originality in scholarly endeavors. This sentiment aligns with the broader discourse on ethical conduct in academic writing and reinforces the significance of acknowledging sources appropriately.

Furthermore, the findings reveal a balanced distribution of opinions among respondents regarding the classification of using a paraphrasing tool as a form of plagiarism. This divergence in perspectives highlights the complexity of the issue and the need for nuanced considerations when evaluating the ethical implications of using such tools. Some respondents emphasize the importance of maintaining originality and integrity in academic work, echoing the sentiments expressed in the theory cited by Lestari.

Additionally, concerns about the accuracy and reliability of QuillBot's results underscore the importance of critically evaluating the output of automated paraphrasing tools. While some users express confidence in the tool, others remain cautious, reflecting the varying attitudes among students regarding the reliability of QuillBot's results.

In summary, the findings presented in the study illuminate the multifaceted nature of the relationship between technology, ethics, and academic writing. By addressing user concerns and promoting transparency and accountability, QuillBot can work towards building trust and confidence among its users while navigating the ethical complexities inherent in automated paraphrasing tools.

2.) Accuracy and Authenticity of Thesis Writing

The accuracy and authenticity of thesis writing are paramount in academic endeavors. QuillBot, as a paraphrasing tool, plays a significant role in assisting users in generating rewritten content. However, concerns arise regarding the reliability of QuillBot's outputs. Sometimes the sentences produced by QuillBot do not make sense, necessitating them to cross-check the content for accuracy and coherence (Amanda, 2023). This finding highlights a crucial issue in the utilization of paraphrasing tools like QuillBot in academic writing. This aligns with the concerns expressed by respondents about the accuracy of QuillBot's results. Some respondents emphasize the need for precise and reliable outputs, as they are wary of relying solely on QuillBot's paraphrasing suggestions. They recognize the importance of cross-checking their thesis writing for accuracy and authenticity, highlighting the necessity of

human intervention to ensure the final draft maintains the intended meaning and adheres to academic standards.

In light of these findings, it is essential for users to exercise caution and critical judgment when utilizing QuillBot for thesis writing. While the tool can provide valuable suggestions for paraphrasing, it should not replace the need for human intervention in ensuring the accuracy and coherence of the final written work. Therefore, users are encouraged to cross-check the content produced by QuillBot to maintain the integrity of their thesis writing process.

3.) Impact of QuillBot Usage on the Development of Personal Writing Style and Voice

The impact of QuillBot usage on the development of personal writing style and voice reveals a nuanced perspective among respondents. The findings indicate two divergent viewpoints regarding the influence of QuillBot on individual writing practices. Some respondents express challenges in cultivating their own writing style and voice after incorporating QuillBot into their writing process. They articulate difficulties in maintaining consistency in tone and structure throughout their thesis, which reflects concerns about authenticity and uniqueness. This perspective aligns with previous research theories that suggest intensive QuillBot

usage may foster a sense of laziness in developing personal writing skills and lead to dependency on technology (Jaladara, Jafar, & Salija, 2023). Respondents who rely heavily on QuillBot for paraphrasing may exemplify the notion of becoming addicted to the tool, thus hindering the development of independent paraphrasing skills.

Conversely, some respondents assert that QuillBot has positively influenced their writing style. They perceive QuillBot as a helpful tool in enhancing their writing, emphasizing its role in improving their skills rather than replacing critical thinking. This perspective suggests that, when used judiciously, QuillBot can complement the writing process without undermining individual creativity.

However, concerns arise regarding the potential negative psychological impact of excessive QuillBot usage, as outlined in the previous research theory. The fear of becoming overly reliant on technology and the consequent decline in personal writing skills resonate with the experiences of some respondents. This raises questions about the long-term effects of QuillBot dependence on students' writing abilities and psychological well-being.

The varied responses among respondents underscore the complexity of integrating automated tools like QuillBot into

the writing process. While some individuals may benefit from its assistance, others may face challenges related to overdependence and diminishing creativity. These findings highlight the importance of promoting a balanced approach to technology integration in writing education, encouraging critical thinking alongside the use of automated tools.

In conclusion, the discussion surrounding the impact of QuillBot usage on personal writing style and voice reflects diverse perspectives among respondents. The findings corroborate previous research theories regarding the potential pitfalls of excessive reliance on technology in writing practices. Moving forward, it is essential to consider these insights in designing effective writing instruction that fosters both technological literacy and independent critical thinking skills.

4.) Evaluation of QuillBot's Limitations

In this finding, most respondents stated that the limitations of the free version of QuillBot did not hinder their ability to use the tool effectively in thesis writing. This finding suggests that some respondents perceived the limited features of the free version of QuillBot as a hindrance to productivity and writing quality. Many respondents felt no need to upgrade to the premium version as they considered the free version of

QuillBot to offer sufficient features. They expressed satisfaction with the functionality available in the free version, which they believed adequately supported their thesis writing needs. Moreover, respondents indicated that they felt comfortable using other research sites or resources alongside QuillBot to fulfill any additional requirements. In their view, the availability of alternative options ensures that they can effectively overcome the potential limitations of the free version. Therefore, they did not consider the lack of premium features as a hindrance in their thesis writing process.

Through this finding, there is a contradiction between respondents' perception of the premium features offered by QuillBot and the availability of the free version. The theory proposed by Amanda (2023) regarding this is that QuillBot also provides paid features to further access grammar checking, paraphrasing, and other features, thus becoming an obstacle for students to access the limited QuillBot. In this context, respondents' satisfaction with the free version of QuillBot reflects the perception that the basic features are adequate for their writing needs. However, the theory highlights that limited access to premium features may limit students in optimally utilizing QuillBot. Therefore, further consideration is needed to understand the impact of limited

access to premium features on the use of QuillBot in an academic context.

5.) Overreliance on QuillBot for Heavy Lifting in Thesis Writing

Overreliance on QuillBot for heavy lifting in thesis writing emerges as a significant concern among respondents. This finding suggests that many students perceive themselves as overly dependent on QuillBot, potentially hindering their ability to develop essential writing skills independently. This issue resonates with the theory proposed by Al Hassan (2019), which highlights the risk of over-reliance on automated tools like QuillBot in writing endeavors. Effective writing, as emphasized in the theory, necessitates extensive practice and refinement, which may be compromised if students become too reliant on such tools.

The concern expressed by respondents reflects a recognition of the potential consequences of overdependence on QuillBot. They acknowledge that relying too heavily on the tool may limit their ability to actively engage in the writing process and develop critical thinking skills. This sentiment aligns with the theory's assertion that effective writing requires ongoing practice and refinement, which may be impeded if students rely excessively on automated paraphrasing tools.

Moreover, respondents express concern that overreliance on QuillBot could lead to a passive approach to thesis writing, where originality and depth of analysis are compromised. They emphasize the importance of maintaining an active and engaged role in the writing process to ensure the quality and authenticity of their work. Therefore, their acknowledgment of this issue underscores the importance of using QuillBot as a supplementary tool rather than a primary resource in thesis writing endeavors.